

ASTD/TDI Project Static Report

Dynamic Underground Stripping

Focus Area:	Subsurface Contaminants Focus Area	Focus Area Manager: Carl Lanigan, (803) 725-0404
TTP No.:	SR09SS15	Principal Investigator: Chris Bergren, (803) 952-6530
Lead Site:	Savannah River	
Project No.:	99-ASTD-22	Technology Vendor(s)/Commercial Partner(s):
Tech ID/TMS No.:		None identified at this time
Related Publication(s):	DOE/EM-0271	

Web Page(s):

Description: Dynamic Underground Stripping involves the application of heat and injection of steam into the subsurface to rapidly oxidize and volatilize organic contaminants, including separate phase source materials such as LNAPLs and DNAPLs.

Application: Useful at sites with soils and groundwater contaminated with organics, including LNAPLs and DNAPLs. Especially useful at sites with difficult to remove contaminants, where the volatility is low or where the contaminants are located in less permeable zones; source zones = target.

Location(s): SRS

Technology(ies):

Dynamic Underground Stripping

Electrical Resistance Tomography

Hydrous Pyrolysis

	Funding (\$K):	<u>FY-98</u>	<u>FY-99</u>	<u>FY-00</u>	<u>FY-01</u>	<u>Total</u>
TTP No.:	SR09SS15	\$0	\$1,050	\$430	\$0	\$1,480
Leverage Source:	EM-40					\$3,413
						\$4,893
				Funding Total (\$K):		\$4,893

Cost Savings (\$M):	<u>Proposal</u>	<u>Deployment Plan/TTP</u>	<u>Current Focus Area Projection</u>
	Pending	Pending	\$20,900